

EXCELSIOR

11/27

75°

W.M. B.

Look at Elko coal  
mine in Nevada - C.P.R.  
on way to Coal.

note to self

10/2

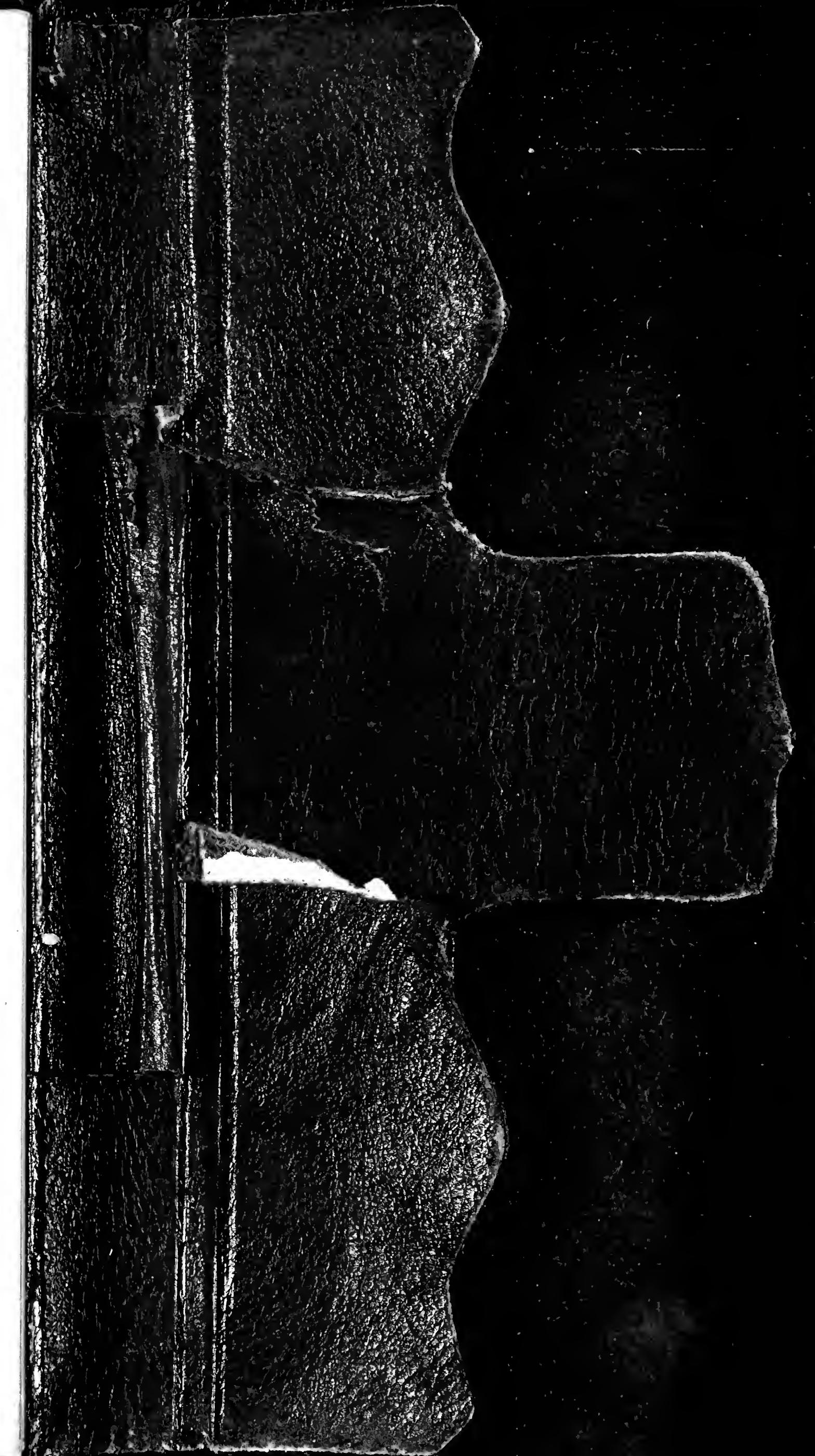
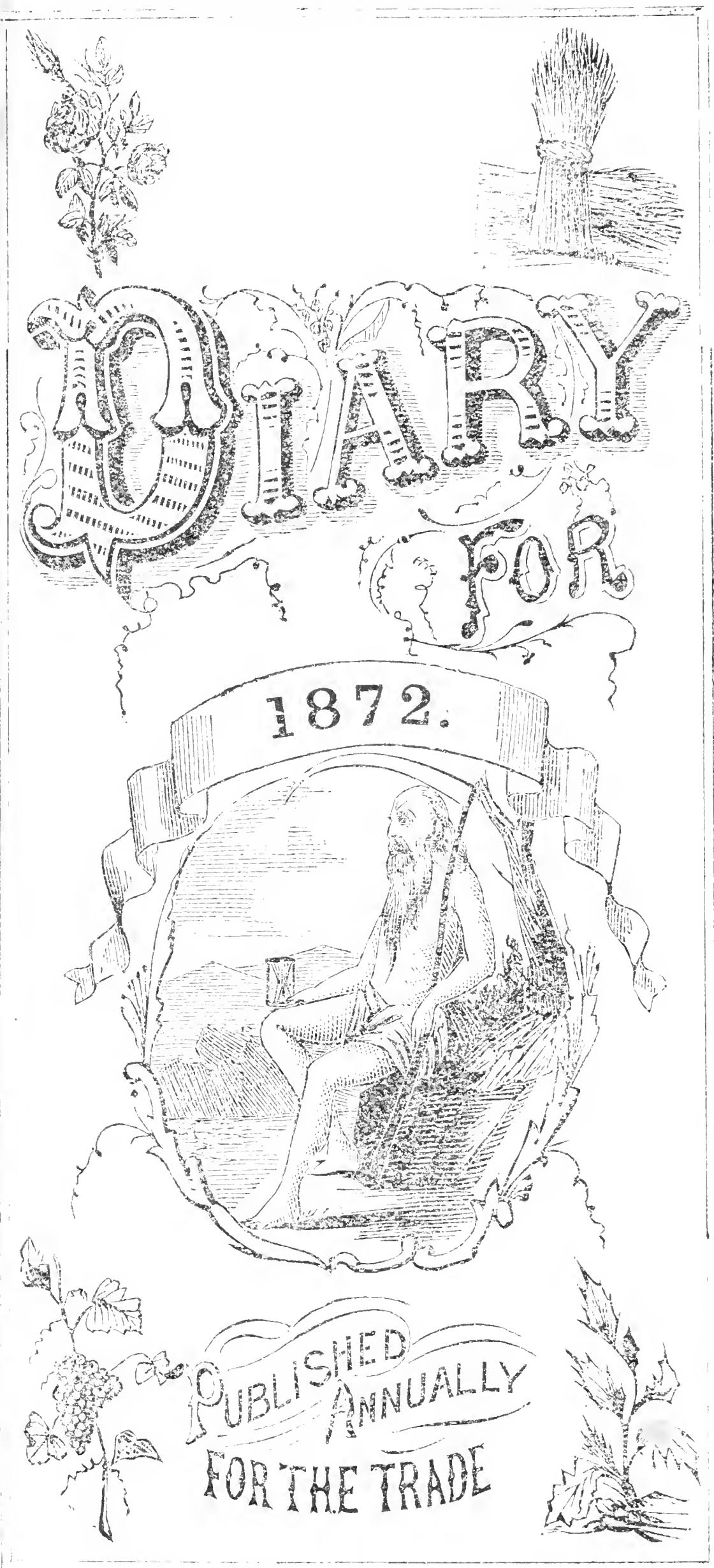
10/2

10/2

Whole coal bed  
300 ft. thick

High Reservoir  
natural bank

Franklin & Gothic  
1197



CALENDAR.

1872

Jan.

	SUNDAY.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.		SUNDAY.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.	
... 1 2 3 4 5 6	7 8 9 10 11 12 13	14 15 16 17 18 19 20	21 22 23 24 25 26 27	28 29 30 31	... ... ...	... 1 2 3	4 5 6 7 8 9 10	11 12 13 14 15 16 17	18 19 20 21 22 23 24	21 22 23 24 25 26 27	28 29 30 31	... 1 2 3	4 5 6 7 8 9 10	11 12 13 14 15 16 17	18 19 20 21 22 23 24	25 26 27 28 29 30 31
... 1 2 3	4 5 6 7 8 9 10	11 12 13 14 15 16 17	18 19 20 21 22 23 24	25 26 27 28 29	... ... ...	... 1 2 3	4 5 6 7 8 9 10	11 12 13 14 15 16 17	18 19 20 21 22 23 24	25 26 27 28 29 30	... ... ...	... 1 2 3	4 5 6 7 8 9 10	11 12 13 14 15 16 17	18 19 20 21 22 23 24	25 26 27 28 29 30 31
... 1 2	3 4 5 6 7 8 9	10 11 12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30	31	... 1 2	3 4 5 6 7	8 9 10 11 12 13 14	15 16 17 18 19 20 21	22 23 24 25 26 27 28	29 30	... 1 2	3 4 5 6 7	8 9 10 11 12 13 14	15 16 17 18 19 20 21	25 26 27 28 29 30 31
... 1 2 3 4 5 6	7 8 9 10 11 12 13	14 15 16 17 18 19 20	21 22 23 24 25 26 27	28 29 30	... ... ...	... 1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25	27 28 29 30 31	... ... ...	... 1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25	
... 1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	... ... ...	... 1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25	27 28 29 30 31	... ... ...	... 1 2 3 4	5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25	
... 1	2 3 4 5 6 7 8	9 10 11 12 13 14 15	16 17 18 19 20 21 22	23 24 25 26 27 28 29	30	... 1	2 3 4 5 6 7 8	9 10 11 12 13 14 15	16 17 18 19 20 21 22	23 24 25 26 27 28 29	30	... 1	2 3 4 5 6 7 8	9 10 11 12 13 14 15	16 17 18 19 20 21 22	23 24 25 26 27 28 29

May.

June.

July.

Aug.

Sep.

Oct.

Nov.

Dec.

9 Br. (95) 35  
Div. 100/ 48

## INTEREST TABLE.

Showing the Interest from \$10 to \$5000 for one month, and for one year, at 6 per cent.

\$10	15d. c.	3	\$10	1 m. c.	5	\$10	1 y. c.	60
20	"	5	20	"	10	20	"	\$1.20
30	"	8	30	"	15	30	"	1.80
40	"	10	40	"	20	40	"	2.40
50	"	13	50	"	25	50	"	3.00
60	"	15	60	"	30	60	"	3.60
70	"	18	70	"	35	70	"	4.20
80	"	20	80	"	40	80	"	4.80
90	"	23	90	"	45	90	"	5.40
100	"	25	100	"	50	100	"	6.00
200	"	50	200	"	\$1.00	200	"	12.00
300	"	75	300	"	1.50	300	"	18.00
400	"	\$1.00	400	"	2.00	400	"	24.00
500	"	1.25	500	"	2.50	500	"	30.00
1M	"	2.50	1M	"	5.00	1M	"	60.00
2M	"	5.00	2M	"	10.00	2M	"	120.00
3M	"	7.50	3M	"	15.00	3M	"	180.00
4M	"	10.00	4M	"	20.00	4M	"	240.00
5M	"	12.50	5M	"	25.00	5M	"	300.00

## INTEREST PER DAY.

\$100	1 day	2 cents,	\$2000	1 day	33 cents
200	"	3 " "	3000	"	50 " "
300	"	5 " "	4000	"	67 " "
400	"	7 " "	5000	"	83 " "
500	"	10 " "	6000	"	\$1.00 " "
600	"	12 " "	7000	"	1.17 " "
700	"	13 " "	8000	"	1.33 " "
800	"	15 " "	9000	"	1.50 " "
900	"	17 " "	10000	"	1.67 " "
1000	"		20000	"	3.33 " "

## A TABLE

Showing the number of days from any day in one month to the same day in any other month.

From	J	F	M	A	M	J	J	A	S	O	N	D
to January	365	31	59	90	120	151	181	212	243	273	301	334
February	334	365	28	59	89	120	150	181	212	242	273	303
March	306	337	365	31	61	92	122	153	184	214	245	275
April	275	306	334	365	30	61	91	122	153	183	214	244
May	245	276	304	335	365	31	61	92	123	153	184	214
June	214	245	273	304	334	365	30	61	92	122	153	183
July	181	215	243	274	304	335	365	31	62	92	123	153
August	153	184	212	243	273	304	334	365	31	61	92	122
September	122	153	181	212	242	273	303	334	365	30	61	91
October	92	123	151	182	212	243	273	304	335	365	31	61
November	61	92	120	151	181	212	242	273	304	334	365	30
December	31	62	90	121	151	182	212	243	274	304	335	365

## EXAMPLE.

Look April at the left hand and September at the top. In the angle is 153.

## DIFFERENCE OF TIME—NEW YORK.

When it is 12 o'clock, noon, at NEW YORK CITY, it will be morning at all places *west* of New York, and afternoon at all places *east*, as shown in the following table:

### WEST OF NEW YORK.

	H	M	S
Auburn, N. Y.....	11	50	12
Augusta, Ga.....	11	28	28
Baltimore, Md.....	11	49	38
Buffalo, N. Y.....	11	40	24
Charleston, S. C....	11	36	22
Chicago, Ill.....	11	6	2
Cincinnati, O.....	11	18	16
Columbus, O.....	11	23	52
Dayton, O.....	11	19	20
Detroit, Mich.....	11	23	54
Geneva, N. Y.....	11	47	55
Harrisburg, Pa....	11	48	44
Honolulu, S. I.....	6	24	8
Indianapolis, Ind.....	11	11	44
Jefferson, Mo.....	10	47	32
Key West, Fla....	11	28	54
Knoxville, Tenn.....	11	20	28
Little Rock, Ark.....	10	47	16
Louisville, Ky....	11	14	4
Milledgeville, Ga.....	11	22	45
Milwaukee, Wis.....	11	4	16
Mobile, Ala.....	11	0	2
Monterey, Cal.....	8	48	35
Nashville, Tenn.....	11	8	48
Natchez, Miss.....	10	50	26
Newark, N. J.....	11	59	24
Newbern, N. C.....	11	47	44
New Orleans, La.....	10	56	4
Norfolk, Va.....	11	50	49
Petersburg, Va.....	11	46	44
Philadelphia, Pa.....	11	55	25
Pittsburgh, Pa.....	11	35	56
Raleigh, N. C.....	11	49	52
Richmond, Va.....	11	46	15
Rochester, N. Y....	11	44	40
Sacramento, Cal....	8	56	4
St. Augustine, Fla.....	11	29	44
St. Louis, Mo.....	10	55	4

### WEST OF NEW YORK.

	H	M	S
St. Paul, Minn.....	10	43	45
San Francisco, Cal.....	8	46	19
Savannah, Ga.....	11	31	32
Springfield, Ill....	10	57	52
Tallahassee, Fla.....	11	17	40
Toronto, C. W.....	11	58	38
Trenton, N. J.....	11	57	28
Utica, N. Y.....	11	55	12
Washington, D. C.....	11	47	53
Wilmington, Del.....	11	54	12
Yorktown, Va.....	11	49	48

### EAST OF NEW YORK.

Albany, N. Y.....	0	1	6
Augusta, Me.....	0	16	44
Bangor, Me.....	0	26	56
Berlin, Prus.....	5	49	39
Boston, Mass.....	0	11	50
Constantinople....	6	52	0
Dublin, Ireland...	4	30	42
Edinburg.....	4	43	21
Fredericton, N. B.....	0	29	4
Halifax, N. S.....	0	41	38
Hamburg, Ger.....	5	35	58
Hartford, Ct.....	0	5	21
London, Eng.....	4	55	41
Lowell, Mass.....	0	10	48
Middletown, Ct....	0	5	28
Montreal, C. E.....	0	1	44
New Haven, Ct....	0	4	23
Paris, France.....	5	5	26
Portland, Me.....	0	15	10
Providence, R. I.....	0	10	25
Quebec, C. E.....	0	11	0
Rome, Italy.....	5	45	59
St. Petersburg.....	6	57	18
Stockholm, Sw'ns.....	6	8	18
Vienna, Austria...	6	1	37

## Rates of Postage.

### DOMESTIC.

On all *Letters* throughout the United States, 3 cents for each half ounce or fraction thereof.

*Drop or Local Letters*, 2 cents where there is a free carrier's delivery. At other offices, 1 cent.

*Valuable Letters* may be registered by the payment of a registration fee of 20 cents.

*Money* can be sent with absolute safety by mail by procuring a *Money Order*. The fees are for \$1 to \$10 ten cents; \$20 to \$50, twenty-five cents.

*Circulars*, unsealed, not exceeding three in number, to one address, 2 cents; the same rate for every three or less number additional.

*Printed Books*, in one package to one address, 4 cents for each 4 ounces or fraction thereof.

On all *Transient Newspapers or other Printed Matter* (Books and Circulars excepted), and on all Seeds, Cuttings, &c., Pamphlets, Book MSS. and Proof Sheets, Maps, Engravings, Blanks, Patterns, Envelopes, and Photographs, contained in one package, to one address, 2 cents for each 4 ounces or fraction thereof.

All *Transient Matter*, except duly certified letters of Soldiers and Sailors, must be prepaid by stamps.

On all matter not above specified, same rate as letters.

No package will be forwarded which weighs over four pounds, except books published or circulated by order of Congress.

### FOREIGN.

On *Letters to Great Britain and Ireland*.—For every half ounce or fraction thereof, 6 cents, if prepaid. If not prepaid, 6 cents extra will be collected in Great Britain, and 6 cents in the United States.

To the German States.—For every half ounce or fraction thereof, *via* North German Union direct, 10 cents; closed mail *via* England, 15 cents; prepayment optional.

To France, 10 cents for each half ounce or fraction thereof; prepayment optional.

To the Dominion of Canada, per half ounce, any distance, 6 cents, if prepaid; if not paid, 10 cents.

To other British North American Provinces, not over 3000 miles, 10 cents per half ounce; over 3000 miles, 15 cents per half ounce. Prepayment compulsory.

A COMPLETE TABLE OF  
**Stamp Duties,**  
 AS APPROVED MARCH 26, 1867.

<i>Agreement or Contract</i> , not otherwise specified: any appraisement of value or damage, or for other purpose; for each agreement, or for each sheet of each agreement, &c., or renewal of same.....	\$0.05
<i>Assignment</i> .—See Conveyance.	
<i>Bank Check, Draft or Order</i> for the payment of any sum of money drawn upon any bank, banker, or trust company.....	.02
Or for any sum exceeding \$10, drawn upon any other person, companies, or corporations, at sight or on demand.....	.02
<i>Bill of Exchange, (Inland,) Draft, or Order</i> , for the payment of money, not at sight or on demand, or any PROMISSORY NOTE, (except bank notes issued for circulation, and checks made and intended to be forthwith presented, and which shall be presented to a bank or banker for payment.) or any memorandum, check, receipt, or other written or printed evidence of money to be paid on demand, or at a time designated, for every \$100 or part thereof.....	.05
<i>Bill of Exchange (Foreign,) or Letters of Credit</i> , drawn in but payable out of the United States: If drawn singly or in duplicate, same as Inland bills of Exchange.	
If drawn in sets of three or more, every bill of each set, for every \$100, or the equivalent thereof, in any foreign currency in which the bill is ex-pressed.....	.02
<i>Bill of Lading, or Receipt</i> , (other than charter party,) for any goods, &c., exported to a foreign port.....	.10
<i>Bill of Sale of Vessel</i> , or any part thereof, consideration of value not over \$500.....	.50
Every add'l \$500, or part thereof, 50 cents more.	
<i>Bond of Indemnity</i> , every \$1,000, or part thereof.	.50
<i>Bond</i> , for the execution of the duties of any office.	1.00

UNITED STATES STAMP DUTIES.

<i>Bond</i> , other than required in legal proceedings, or used in connection with mortgage deeds, and not otherwise charged.....	.25
<i>Certificate of Stock</i> , in incorporated company.....	.25
<i>Certificate of Profits</i> , or any certificate or memorandum showing an interest in the property or accumulations of any incorporated company, if for \$10 and not over \$50.....	.10
Over \$50 and not over \$1,000.....	.25
Every add'l \$1,000, or part thereof, 25 cts. more.	
<i>Certificate of Damage</i> , or otherwise, and all other certificates or documents issued by any port warden, marine surveyor, or person acting as such.....	.25
<i>Certificate of Deposit</i> , \$100 or less.....	.02
Over \$100.....	.05
(Certificate of measurement or weight of animals, wood, coal, or hay; certificate of the record of a deed or other instrument in writing, or of the acknowledgment or proof thereof, by attesting witnesses, require no stamp.)	
<i>Certificate</i> , of any other description,.....	.05
<i>Charter Party</i> , (or renewal, &c., of same,) contract or agreement for charter of vessel or steamer of registered tonnage, not over 150 tons.....	1.00
Over 150 and not over 300 tons.....	3.00
Over 300 and not over 600 tons.....	5.00
Over 600 tons.....	10.00
<i>Contract</i> , or renewal, Broker's note, or memorandum of sale of merchandise, exchange, real estate, or other property issued by brokers, or persons acting as such, each.....	.10
<i>Conveyance</i> .—Deed or writing, whereby any lands, tenements, or other realty sold is granted, assigned, or transferred, for every \$500, or part thereof.....	.50
<i>Entry of Goods, &amp;c.</i> , at any custom house, for consumption or warehousing, of value not over \$100.....	.25
Over \$100 and not over \$500.....	.50
Over 500 .....	1.00
<i>Withdrawal</i> from bonded warehouse.....	.50

UNITED STATES STAMP DUTIES.

<i>Insurance (Life).</i> —Policy, (or assignment, &c., of same, not over \$1,000).....	.25
Over \$1,000 and not over \$5,000.....	.50
Over \$5,000.....	1.00

<i>Insurance, (Marine, Inland and Fire).</i> —Each policy or renewal, (or assignment, &c., of same,) on which premium is \$10 or less.....	.10
Over \$10 and not over \$50.....	.25
Over 50.....	.50

*Insurance* against accidental injury to persons, exempt.

*Lease*, agreement, memorandum, or contract, for the hire, use, or rent of any land, tenement, or portion thereof, when rent or rental value is not over \$300 per annum.....

Every add'l \$200, or part thereof, 50 cents more.

*Lease, Assignment of.*—A stamp duty equal to that imposed on the original instrument, increased by a stamp duty on the consideration or value of the assignment equal to that imposed upon the conveyance of land for similar consideration or value. (See Conveyance.)

*Manifest*, for custom house entry or clearance of vessel's cargo for foreign port, (except to British North America,) tonnage not over 300 tons

    Over 300 and not over 600 tons.....

    Over 600 tons.....

*Mortgage, Trust Deed or Personal Bond*, for the payment of money, over \$100 and not over \$500

Every add'l \$500, or part thereof, 50 cents more

Upon each assignment or transfer of a mortgage a stamp duty equal to that upon a mortgage for the amount remaining unpaid.

*Trust Deed* conveying estate to uses, to be stamped as a conveyance.

*Official Instruments*, documents and papers issued by the officers of the United States government, or by the officers of any State, county or town, require no stamp.

Affidavits in suits or legal proceedings, exempt.

*Order* for the payment of money. See Bank Check.

UNITED STATES STAMP DUTIES.

<i>Passage Ticket</i> , to foreign port, (except British North America,) costing \$35 or less.....	.50
Over \$35 and not over \$50.....	.50
Every add'l \$50, or part thereof, \$1 more.	

*Power of Attorney*, to sell or transfer any stock, bond, or scrip, or for the collection of any dividend, or interest thereon.....

To vote by proxy for officers of any corporation or society, (except religious, charitable, literary societies, or public cemeteries).....

To sell or rent real estate .....

To collect rents.....

To perform any act not herein mentioned.....

*Probate of Will, or Letters of Administration*, value of estate not over \$2000.....

Every add'l \$1,000, or part thereof, 50 cts. more. (Probate of will, letters testamentary or of administration, or administrator's or guardian's bonds, when the value of the estate, real and personal, does not exceed \$1,000, require no stamp.

*Promissory Note.*—See Bill of Exchange, Inland.

*Protest* of note, bill of exchange, acceptance, check or draft, or any marine protest, whether protested by a notary public or by any other officer who may be authorized by law to make such protest.....

*Receipt* for any sum of money, or for the payment of any debt exceeding \$20 in amount, not being for the satisfaction of any mortgage or judgment or decree of any court, or by endorsement on any stamped obligation in acknowledgment of its fulfilment.....

*Canned Meats, &c.*, for and upon every can, bottle or other single package, containing meats, fruits, vegetables, sauces, syrups, prepared mustard, jams or jellies, not exceeding 2 lbs. in weight.....

Every add'l pound or part thereof. 1 cent more.

UNITED STATES STAMP DUTIES.

*Proprietary, Medicines, Perfumery, Cosmetics, Preparations, &c., each package retailed at not over 25 cents.....* .01  
*Over 25 cents and not over 50 cents.....* .02  
*Over 50 cents and not over 75 cents.....* .03  
*Over 75 cents and not over \$1.....* .04  
*Every add'l 50 cents, or part thereof, 2 cts. more.*

*Friction Matches, or lucifer matches, or other articles made in part of wood, and used for like purposes, each package of 100 matches or part thereof.....* .01

*Packages of more than 100 matches, for each 100 or part thereof.....* .01

*Cigar Lights, made in part of wood, wax, glass, paper or other materials, in packages containing twenty-five lights or less, each package...* .01

*Every additional twenty-five lights or part thereof, 1 cent more.*

*Playing Cards, for and upon every pack, not exceeding fifty-two cards in number, irrespective of price or value.....* .05

~~As~~ The indiscriminate use of all kinds of stamps (except postage or proprietary) is permitted, care being taken to affix a stamp or stamps of the proper amount.

Documents made in any foreign country, to be used in the United States, shall pay the same duty as when made here.

Powers of Attorney, or other papers relating to applications for bounties, arrearages of pay, or pensions, require no stamp; neither do indorsement of negotiable instrument, nor any warrant of attorney accompanying a bond or note when such bond or note shall be stamped; and whenever any bond or note shall be secured by mortgage, but one stamp duty is required, provided the stamp duty placed thereon is the highest rate required for said instrument, or either of them.

The person using or affixing the stamp or stamps, shall write thereupon the initials of his name and the date upon which the same shall be attached or used, so that the same shall not be used again, under a penalty of \$50; or they may be otherwise canceled as the Commissioner of Internal Revenue may prescribe.

Violations of these Stamp Duties will be punished as the law directs.



MOON'S PHASES.

	d.	h.	m.	
LAST QUARTER,	3	4	36	Evening.
NEW MOON,	10	9	55	Morning.
FIRST QUARTER,	17	7	0	Morning.
FULL MOON,	25	12	12	Evening.

D. M. Day of Week	MISCELLANEOUS.	Sun.	Sun.	Moon	High Water
		Rises.	Set.	Rises & Sets.	
1 M.	Prod'n Emancipation, 1863.	7	23 4 37	10 59	5 38
2 Tu.	Battle of Stone River, 1863.	7	23 4 37	11 44	6 19
3 W.	Bishop Hughes died, 1864.	7	23 4 37	morn	7 8
4 Th.	(7) Bat. Paintsville, Ky., '62.	7	22 4 38	12 40	7 58
5 Fr.	Cataline killed, 62 B. C.	7	22 4 38	1 32	8 46
6 Sa.	(7) Liberia colonized, 1822.	7	22 4 38	2 41	9 38
7 <del>S.</del>	1st Sunday after Epiphany.	7	21 4 39	3 55	10 36
8 M.	Battle of New Orleans, 1815.	7	21 4 39	5 8	11 40
9 Tu.	(10) Dr. L. Beecher died, '63.	7	20 4 40	6 29	12 46
10 W.	(11) Linnæus died, 1778.	7	19 4 41	sets.	1 42
11 Th.	Battle of Arkansas Post, 1863.	7	19 4 41	5 59	2 40
12 Fr.	Gen. Marston's raid, 1864.	7	18 4 42	7 9	3 36
13 Sa.	The Lexington burned, 1840.	7	17 4 43	8 14	4 20
14 <del>S.</del>	2d Sunday after Epiphany.	7	16 4 44	9 13	5 10
15 M.	Everett died, 1865.	7	16 4 44	10 16	5 55
16 Tu.	Gibbon died, 1794.	7	15 4 45	11 14	3 48
17 W.	Battle of Bainbridge, 1864.	7	15 4 45	morn	7 36
18 Th.	Daniel Webster born, 1782.	7	14 4 46	12 10	8 26
19 Fr.	Georgia seceded, 1861.	7	13 4 47	1 15	9 16
20 Sa.	Exped'n to Ponta Rosa, '64.	7	12 4 48	2 25	10 6
21 <del>S.</del>	3d Sunday after Epiphany.	7	11 4 49	3 30	10 58
22 M.	Independ. U. S.ack, 1783.	7	10 4 50	4 34	11 40
23 Tu.	Humboldt in Chi'zo, 1802.	7	9 4 51	5 38	12 26
24 W.	Gen. Roddy whipped, 1864.	7	8 4 52	6 40	1 12
25 Th.	Burns born, 1789.	7	7 4 53	rises.	1 58
26 Fr.	Jenner, inventor, died, 1823.	7	6 4 54	6 29	2 44
27 Sa.	Burr's conspiracy, 1807.	7	5 4 55	7 29	3 36
28 <del>S.</del>	4th Sunday after Epiphany.	7	4 4 56	8 35	4 22
29 M.	(30) Kansas admitted, 1861.	7	3 4 57	9 48	5 14
30 Tu.	First Life Boat built, 1790.	7	2 4 58	10 40	5 54
31 W.	Rebels leave Dalton, 1864.	7	1 4 59	11 34	6 41



## MOON'S PHASES.

	d.	h.	m.	
LAST QUARTER,	2	5	8	Morning.
NEW MOON,	8	8	48	Evening.
FIRST QUARTER,	16	1	20	Morning.
FULL MOON,	24	5	54	Evening.

D. M.	MISCELLANEOUS.	Sun. Rises.	Sun. Sets.	Moon Rises & Sets.	High Water.
1 Th.	Charleston captured, 1865.	7 0 5	0	morn	7 32
2 Fr.	Lorenzo Dow died, 1834.	6 59 5	1	12 44	8 20
3 Sa.	Inquisit'n abol. in Spain, '13.	6 58 5	2	1 40	9 8
4 S.	Sexagesima Sunday.	6 57 5	3	2 46	9 49
5 M.	Cato killed, 46 B. C.	6 56 5	4	3 49	10 45
6 Tu.	Battle of Fort Henry, 1862.	6 55 5	5	4 56	11 48
7 W.	Bat. of Roanoke, N. C., '62.	6 54 5	6	5 59	12 51
8 Th.	Mary Queen of Scots k., 1587.	6 53 5	7	sets.	1 54
9 Fr.	Gen. Harrison born, 1773.	6 52 5	8	6 30	2 42
10 Sa.	(9) "Southern Confed." 1861.	6 51 5	9	7 37	3 34
11 S.	Quinquagesima Sunday.	6 49 5	11	8 35	4 21
12 M.	Lady J. Gray exec'd, 1554.	6 48 5	12	9 32	5 11
13 Tu.	Springfield, Missouri, taken.	6 47 5	13	10 28	5 55
14 W.	Ash Wednesday.	6 45 5	15	11 10	6 43
15 Th.	Galileo born, 1564.	6 44 5	16	11 58	7 36
16 Fr.	Fort Donelson taken, 1862.	6 43 5	17	morn	8 22
17 Sa.	Columbia, S. C., taken, 1865.	6 42 5	18	12 49	9 10
18 S.	1st Sunday in Lent.	6 41 5	19	1 46	9 54
19 M.	Florida ceded, 1821.	6 39 5	21	2 40	10 46
20 Tu.	Battle of Olustee, 1864.	6 38 5	22	3 32	11 32
21 W.	Bat. Valverde, Mexico, 1862.	6 37 5	23	4 18	12 21
22 Th.	Washington born, 1732.	6 35 5	25	5 8	12 54
23 Fr.	(22) Wilmington, N. C., taken.	6 34 5	26	5 59	1 40
24 Sa.	Louis Philippe abdic'd, 1848.	6 33 5	27	rises.	2 18
25 S.	2d Sunday in Lent.	6 31 5	29	6 54	3 4
26 M.	Cherokees abol. slavery.	6 30 5	30	7 56	3 44
27 Tu.	(25) Battle of Trenton, 1776.	6 29 5	31	8 59	4 30
28 W.	Great Plague in London, 1665.	6 27 5	33	10 11	5 19
29 Th.	(26) Ft. Powell bomb'd, 1864.	6 26 5	34	11 20	5 59



## MOON'S PHASES.

	d.	h.	m.	
LAST QUARTER,	2	2	56	Afternoon.
NEW MOON,	9	7	51	Morning.
FIRST QUARTER,	16	9	20	"
FULL MOON,	24	8	40	Evening.
LAST QUARTER,	31	9	28	Morning.

D. M.	MISCELLANEOUS.	Sun. Rises.	Sun. Sets.	Moon Rises & Sets.	High Water.
1 Fr.	"The Spectator" app'd, 1711.	6 25 5	35	morn	6 46
2 Sa.	Wesley died, 1791.	6 24 5	36	12 32	7 33
3 S.	3d Sunday in Lent.	6 22 5	38	1 41	8 21
4 M.	T. Starr King died, 1864.	6 21 5	39	2 50	9 10
5 Tu.	Bat. Yazoo City, Miss., 1864.	6 20 5	40	3 48	9 55
6 W.	Bat. Pea Ridge, Ark., 1862.	6 18 5	42	4 38	10 42
7 Th.	(8) Raid of the Merrimac, '62.	6 17 5	43	5 20	11 48
8 Fr.	Wm. III. Eng'd died, 1702.	6 16 5	44	5 59	12 49
9 Sa.	Bat. of Hampton Rds. 1862.	6 14 5	46	sets.	1 54
10 S.	4th Sunday in Lent.	6 13 5	47	6 55	2 40
11 M.	Fort Marion taken, 1862.	6 12 5	48	7 56	3 26
12 Tu.	Battle of Paris, Tenn., 1862.	6 10 5	50	8 46	4 12
13 W.	New Madrid, Mo., evacuated.	6 9 5	51	9 42	4 52
14 Th.	Newbern, N. C., capt'd, '62.	6 8 5	52	10 40	5 40
15 Fr.	Cæsar killed, 44 B. C.	6 6 5	54	11 38	6 26
16 Sa.	Bowditch died, 1838.	6 5 5	55	morn	7 12
17 S.	5th Sunday in Lent.	6 3 5	57	12 34	6 52
18 M.	Stamp Act repealed, 1766.	6 2 5	58	1 34	8 44
19 Tu.	The Georgiana destroyed.	6 1 5	59	2 29	9 49
20 W.	Newton died, 1727.	6 0 6	0	3 34	10 51
21 Th.	Beaufort taken, 1862.	59 6	1	4 28	11 52
22 Fr.	Stamp Act passed, 1765.	57 6	3	5 10	12 49
23 Sa.	Battle of Winchester, 1862.	56 6	4	5 50	1 46
24 S.	Palm Sunday.	54 6	6	rises.	2 34
25 M.	Hudson River discov'd, 1609.	53 6	7	7 56	3 21
26 Tu.	Paducah sacked, 1864.	52 6	8	8 44	4 9
27 W.	Jacksonville burned, 1863.	50 6	10	9 40	4 49
28 Th.	Battle of Apache Pass, 1862.	49 6	11	10 36	5 36
29 Fr.	(28) The Diana taken, 1863.	48 6	12	11 44	6 22
30 Sa.	Sicilian Vespers, 1282.	47 6	13	morn	7 9
31 S.	Easter Sunday.	45 6	15	12 48	7 57



APRIL



MAY

MOON'S PHASES.

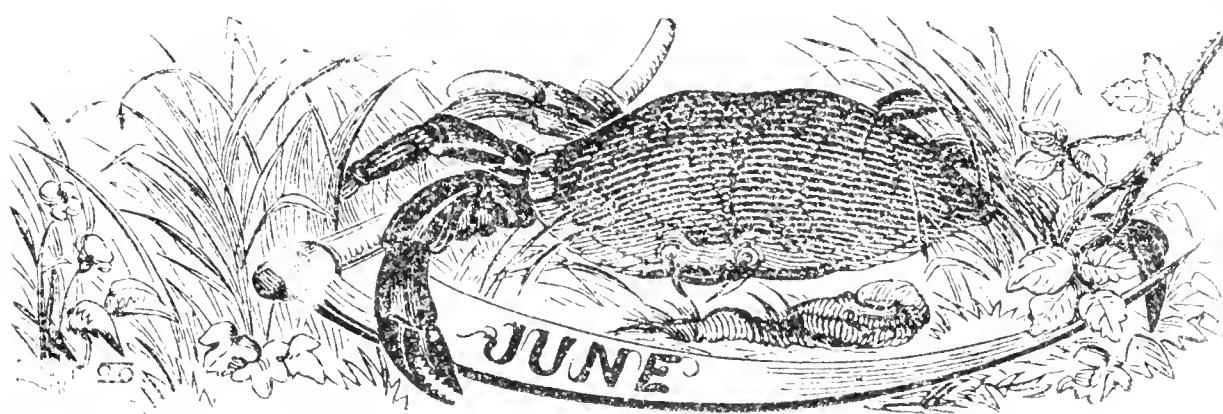
	a.	b.	m.	
NEW MOON,	7	7	30	Evening.
FIRST QUARTER,	15	5	10	"
FULL MOON,	23	8	26	Morning.
LAST QUARTER,	30	3	18	"

D. M.	Day of Week.	MISCELLANEOUS.	Sun. Rises.	Sun. Sets.	Moon Rises & Sets.	High Water.
1 M.	Battle of Five Forks, 1865.	5 41 6	16	1 46	8 45	
2 Tu.	Jefferson born, 1743.	5 43 6	17	2 49	9 49	
3 W.	Richmond taken, 1865.	5 41 6	19	3 28	10 29	
4 Th.	President Harrison died, 1841.	5 40 6	20	4 6	11 12	
5 Fr.	Bat. Black Bayou, La., 1863.	5 39 6	21	4 49	11 52	
6 Sa.	Bat. Pittsburg Landing, 1862.	5 37 6	23	5 38	12 50	
7 Su.	1st Sunday after Easter.	5 30 6	24 sets.	1 49		
8 M.	Bat. of Mansfield, La., 1864.	5 35 6	25	7 30	2 35	
9 Tu.	Gen. Lee surrendered, 1865.	5 33 6	27	8 28	3 24	
10 W.	Bat. of Franklin, Tenn., 1863.	5 32 6	28	9 26	4 11	
11 Th.	Fort Pulaski taken, 1862.	5 31 6	29	10 10	4 54	
12 Fr.	Mobile taken, 1865.	5 20 6	30	11 46	5 42	
13 Sa.	Fort Sumter taken, 1861.	5 29 6	31	1 42	6 31	
14 Su.	2d Sunday after Easter.	5 27 6	33 morn	7 29		
15 M.	Lincoln died, 1865.	5 26 6	34	12 36	8 8	
16 Tu.	Porter's fleet pass Vicksburg.	5 25 6	35	1 22	8 58	
17 W.	Bat. of Lee's Mills, Va., 1862.	5 24 6	36	2 96	9 46	
18 Th.	Bat. of Fort Jackson, 1862.	5 23 6	37	2 48	10 32	
19 Fr.	Mass. troops attacked in Balt.	5 21 6	39	3 22	11 16	
20 Sa.	Bat. of Patterson, Mo., 1863.	5 20 6	40	3 54	11 56	
21 Su.	3d Sunday after Easter.	5 19 6	41	4 21	12 44	
22 M.	Battle near Strasburg, 1863.	5 18 6	42	4 53	1 16	
23 Tu.	Shakspeare died, 1616.	5 17 6	43 rises.	1 53		
24 W.	Battle of Cane River, 1864.	5 15 6	45	8 22	2 47	
25 Th.	Fort Macon taken, 1861.	5 14 6	46	9 38	3 54	
26 F.	Gen. Johnston surrend'ed, 1865.	5 13 6	47	10 48	4 20	
27 Sa.	(28) Bat. Jackson, Mo., 1863.	5 12 6	48	11 51	5 9	
28 Su.	4th Sunday after Easter.	5 10 6	50 morn	5 59		
29 M.	Battle of Grand Gulf, 1863.	5 9 6	51	12 51	6 46	
30 Tu.	(29) Bat. Bridgept', Ala., '62.	5 8 6	52	1 37	7 32	

MOON'S PHASES.

	a.	b.	m.	
NEW MOON,	7	8	16	Morning.
FIRST QUARTER,	15	11	2	Morning.
FULL MOON,	22	8	6	Morning.
LAST QUARTER,	29	9	10	Morning.

D. M.	Day of Week.	MISCELLANEOUS.	Sun. Rises.	Sun. Sets.	Moon Rises & Sets.	High Water.
1 W.	Battle of Port Gibson, 1863.	5 55 6	53	2 20	8 21	
2 Th.	Riots in Memphis, 1866.	5 6 6	54	2 52	9 16	
3 Fr.	Stonewall Jackson died, 1863.	5 5 6	55	3 22	10 10	
4 Sa.	Bat. of Chancellorsville, 1863.	5 4 6	56	3 46	10 59	
5 Su.	5th Sunday after Easter.	5 3 6	57	4 11	11 56	
6 M.	Bat. of Wilderness, Va., 1864.	5 2 6	58	4 36	12 54	
7 Tu.	Josh. R. Giddings died, 1864.	5 1 6	59	sets.	1 50	
8 W.	(10) Bat. Spottsylvania, 1864.	5 0 7	0	7 56	2 48	
9 Th.	Schiller died, 1805.	4 59 7	1	8 52	3 34	
10 Fr.	Pacific Railroad opened, '69.	4 58 7	2	9 48	4 22	
11 Sa.	Butler at Bermuda Hun., '64.	4 57 7	3	10 42	5 12	
12 Su.	6th Sunday after Easter.	4 56 7	4	11 38	5 54	
13 M.	Jamestown settled, 1607.	4 55 7	5	morn	6 42	
14 Tu.	Jackson, Miss., taken, 1863.	4 54 7	6	12 20	7 31	
15 W.	Battle of Resaca, Ga., 1864.	4 53 7	7	12 49	8 21	
16 Th.	Mrs. Hemans died, 1835.	4 52 7	8	1 18	9 14	
17 Fr.	John Jay died, 1829.	4 51 7	9	1 51	9 54	
18 Sa.	Grant invests Vicksburg, '63.	4 50 7	10	2 20	10 42	
19 Su.	Whit Sunday.	4 49 7	11	2 52	11 30	
20 M.	Acad. Music, N. Y., burnt, '66.	4 48 7	12	3 20	12 19	
21 Tu.	Battle of Essling, 1859.	4 47 7	13	3 51	12 59	
22 W.	First steamship, 1819.	4 47 7	13 rises.	1 53		
23 Th.	Bat. of Front Royal, Va., '62.	4 46 7	14	8 25	2 50	
24 Fr.	Copernicus died, 1543.	4 46 7	14	9 36	3 41	
25 Sa.	Repeal Missouri Comp., '54.	4 45 7	15	10 40	4 30	
26 Su.	Trinity Sunday.	4 44 7	16	11 33	5 18	
27 M.	Banks defeat at Pt. Hudson.	4 44 7	17	morn	6 9	
28 Tu.	Battle near Corinth, 1862.	4 43 7	17	12 20	6 59	
29 W.	Gen. Scott died, 1866.	4 42 7	18	12 55	7 44	
30 Th.	Battle near Chickahominy.	4 41 7	19	1 26	8 33	
31 Fr.	Stony Point evacuated, 1770.	4 41 7	19	1 52	9 5	



### MOON'S PHASES.

	d.	h.	m.	
NEW MOON,	5	10	20	Evening.
FIRST QUARTER,	14	2	18	Morning.
FULL MOON,	21	1	56	Morning.
LAST QUARTER,	27	4	25	Afternoon.

D. M.	Day of Week.	MISCELLANEOUS.				
1	Sa.	Battle of Fair Oaks, 1862.	4 40	7 20	2 19	9 40
2	○	1st Sunday after Trinity.	4 40	7 20	2 44	10 44
3	M.	Battle of Cold Harbor, 1864.	4 39	7 21	3 14	11 49
4	Tu.	Battle of Magenta, 1859.	4 39	7 21	3 50	12 48
5	W.	Weber died, 1826.	4 38	7 22	sets.	1 40
6	Th.	Battle of Memphis, 1862.	4 38	7 22	8 40	2 32
7	Fr.	Mahomet died, 632.	4 37	7 23	9 8	3 24
8	Sa.	Bat. Cross Keys, Va., 1862.	4 37	7 23	9 44	4 11
9	○	2d Sunday after Trinity.	4 37	7 23	10 16	4 50
10	M.	Plague at Smyrna, 1837.	4 36	7 24	10 40	5 41
11	Tu.	Sir John Franklin died, 1847.	4 36	7 24	11 18	6 24
12	W.	New York incorporated, 1665.	4 36	7 24	11 51	7 22
13	Th.	Lee's army at Winchester.	4 35	7 25	morn	8 11
14	Fr.	Banks defeat. at Pt. Hudson.	4 35	7 25	12 24	8 55
15	Sa.	Magna Charta signed, 1215.	4 35	7 25	12 56	9 42
16	○	3d Sunday after Trinity.	4 35	7 25	1 22	10 30
17	M.	Battle of Boonville, Mo., '61.	4 35	7 25	1 51	11 18
18	Tu.	Battle of Waterloo, 1815.	4 35	7 25	2 19	11 58
19	W.	"The Alabama" sunk, 1864.	4 35	7 25	2 55	12 40
20	Th.	(22) Bat. Weldon R. R., '64.	4 34	7 26	3 38	1 24
21	Fr.	James Madison died, 1836.	4 35	7 25	rises.	2 4
22	Sa.	Philadelphia evacuated, 1778.	4 35	7 25	9 16	2 44
23	○	4th Sunday after Trinity.	4 35	7 25	10 4	3 40
24	M.	Battle of Solferino, 1859.	4 35	7 25	10 42	4 31
25	Tu.	George IV. died, 1830.	4 35	7 25	11 16	5 20
26	W.	Cromwell a Protect., 1659.	4 35	7 25	11 48	5 59
27	Th.	Cholera in New York, 1832.	4 35	7 25	morn	6 47
28	Fr.	Battle of Chickahominy, 1862.	4 35	7 25	12 14	7 35
29	Sa.	Henry Clay died, 1852.	4 36	7 24	12 42	8 22
30	○	5th Sunday after Trinity.	4 36	7 24	1 26	9 10



### MOON'S PHASES.

	d.	h.	m.	
NEW MOON,	5	1	22	Afternoon.
FIRST QUARTER,	13	2	46	Afternoon.
FULL MOON,	20	8	52	Morning.
LAST QUARTER,	27	2	16	Morning.

D. M.	Day of Week.	MISCELLANEOUS.				
1	M.	Battle of Malvern Hill, 1862.	4 36	7 24	1 50	9 54
2	Tu.	Bat. Martinsburg, Va., 1861.	4 36	7 24	2 21	10 52
3	W.	Battle of Gettysburg, 1863.	4 37	7 23	2 57	11 51
4	Th.	Capture of Vicksburg, 1863.	4 37	7 23	3 40	12 47
5	Fr.	Battle of Chippewa, 1814.	4 38	7 22	sets.	1 45
6	Sa.	Daguerre died, 1851.	4 38	7 22	8 26	2 33
7	○	6th Sunday after Trinity.	4 38	7 22	9 10	3 21
8	M.	Burke died, 1797.	4 39	7 21	9 42	4 7
9	Tu.	Gen. Taylor died, 1850.	4 39	7 21	10 21	4 47
10	W.	Gibraltar taken, 1704.	4 40	7 20	10 48	5 36
11	Th.	Bat. of Rich Mountain, 1862.	4 40	7 20	11 16	6 24
12	Fr.	Cæsar born, 100 B. C.	4 41	7 19	11 44	7 12
13	Sa.	New York riot, 1863.	4 41	7 19	morn	7 52
14	○	7th Sunday after Trinity.	4 42	7 18	12 15	8 49
15	M.	Stony Point taken, 1778.	4 43	7 17	12 45	9 37
16	Tu.	Last of the N. Y. riots, 1863.	4 43	7 17	1 16	10 27
17	W.	Huntsville taken, 1863.	4 44	7 16	1 48	11 11
18	Th.	13th French Revolution, 1798.	4 45	7 15	2 36	11 55
19	Fr.	Battle of Snicker's Gap, 1864.	4 46	7 14	3 18	12 50
20	Sa.	Rebel Congress met, 1861.	4 47	7 13	rises.	1 40
21	○	8th Sunday after Trinity.	4 48	7 12	8 34	2 31
22	M.	Hayti independent, 1801.	4 48	7 12	9 12	3 22
23	Tu.	Bat. of Manassas Gap, 1863.	4 49	7 11	9 44	4 12
24	W.	Rebels take Winchester, '64.	4 50	7 10	10 10	5 4
25	Th.	(23) Bagdad sacked, 1401.	4 51	7 9	10 38	5 54
26	Fr.	Coleridge died, 1834.	4 52	7 8	11 1	6 42
27	Sa.	Atlantic cable laid, 1866.	4 52	7 8	11 28	7 30
28	○	9th Sunday after Trinity.	4 53	7 7	11 54	8 22
29	M.	Dr. Thos. Dick died, 1857.	4 54	7 6	morn	9 12
30	Tu.	Mine at Petersb'g expl'd, '64.	4 55	7 5	12 22	10 8
31	W.	Stanford, Ky., taken, 1863.	4 56	7 4	12 56	10 53


**AUGUST**
**MOON'S PHASES.**

	<i>d.</i>	<i>h.</i>	<i>m.</i>	
NEW MOON,	4	4	44	Morning.
FIRST QUARTER,	12	12	50	Morning.
FULL MOON,	18	3	51	Afternoon.
LAST QUARTER,	25	3	32	Afternoon.

D. M.	Day of Week.	MISCELLANEOUS.					
		Sun. Rises.	Sun. Sets.	Morn. Rises & Sets.		High Water.	
1 Th.	Battle of the Nile, 1798.	4 57	7 3	1 39	11 46		
2 Fr.	Plague in London, 1563.	4 58	7 2	2 29	12 34		
3 Sa.	(2) Bat. at Folly Island, 1863.	4 59	7 1	3 25	1 18		
4 S.	10th Sunday after Trinity.	5 0	7 0	sets.	2 6		
5 M.	First book printed, 1462.	5 1	6 59	8 10	2 56		
6 Tu.	Battle at Atlanta, Ga., 1864.	5 2	6 58	8 42	3 42		
7 W.	Battle of Kirkville, Mo., '62.	5 3	6 57	9 14	4 31		
8 Th.	Ft. Gaines surrendered, 1864.	5 4	6 56	9 44	5 23		
9 Fr.	Ashburton Treaty, 1842.	5 6	6 54	10 16	6 11		
10 Sa.	Battle at Wilson's Creek, '61.	5 7	6 53	10 46	6 56		
11 S.	11th Sunday after Trinity.	5 8	6 52	11 22	7 44		
12 M.	King Philip shot, 1676.	5 9	6 51	morn	8 32		
13 Tu.	Battle of Grafton, Va., 1861.	5 10	6 50	12 18	9 18		
14 W.	Bat. Strawberry Plain, 1864.	5 11	6 49	1 16	9 58		
15 Th.	Fort Erie taken, 1814.	5 12	6 48	2 10	10 46		
16 Fr.	Bat. of Deep Run, Va., 1864.	5 14	6 46	2 44	11 34		
17 Sa.	Bombardment of Sumter, '63.	5 15	6 45	3 18	12 22		
18 S.	12th Sunday after Trinity.	5 16	6 44	rises.	1 24		
19 M.	Thebes destroyed, 325 B. C.	5 17	6 43	7 45	2 28		
20 Tu.	The Atlantic sunk, 1852.	5 18	6 42	8 11	3 18		
21 W.	Bat. of Bowling Green, 1862.	5 19	6 41	8 40	3 56		
22 Th.	Battle at Gallatin, 1862.	5 20	6 40	9 6	4 43		
23 Fr.	Charleston shelled, 1863.	5 21	6 39	9 34	5 31		
24 Sa.	Bat. of Cape Girardeau, 1862.	5 23	6 37	10 0	6 20		
25 S.	13th Sunday after Trinity.	5 24	6 36	10 33	7 9		
26 M.	Bat. of Summersville, 1861.	5 25	6 35	11 6	7 59		
27 Tu.	Bat. Kettle Run, Va., 1862.	5 27	6 33	11 39	8 47		
28 W.	Battle at Centreville, 1862.	5 28	6 32	morn	9 35		
29 Th.	Bat. of Gainesville, Va., 1862.	5 29	6 31	12 29	10 21		
30 Fr.	Battle near Centreville, 1862.	5 30	6 30	1 38	10 59		
31 S.	Bunyan died, 1688.	5 31	6 29	2 46	11 54		


**SEPTEMBER**
**MOON'S PHASES.**

	<i>d.</i>	<i>h.</i>	<i>m.</i>	
NEW MOON,	2	7	51	Evening.
FIRST QUARTER,	10	9	2	Morning.
FULL MOON,	17	12	2	Morning.
LAST QUARTER,	24	8	20	Morning.

D. M.	Day of Week.	MISCELLANEOUS.					
		Sun. Rises.	Sun. Sets.	Morn. Rises & Sets.		High Water.	
1 S.	14th Sunday after Trinity.	5 33	6 27	3 59	12 49		
2 M.	Great Fire, London, 1666.	5 34	6 26	sets.	1 47		
3 Tu.	New Style, 1754.	5 35	6 25	7 26	2 35		
4 W.	John Morgan killed, 1864.	5 36	6 24	7 56	3 23		
5 Th.	Bloody Bonner died, 1569.	5 37	6 23	8 24	4 11		
6 Fr.	Fort Wagner taken, 1863.	5 39	6 21	8 56	4 49		
7 Sa.	Boston settled, 1630.	5 40	6 20	9 30	5 34		
8 S.	15th Sunday after Trinity.	5 41	6 19	10 12	6 20		
9 M.	Dog Days end.	5 43	6 17	11 8	7 8		
10 Tu.	Battle of Lake Erie, 1813.	5 44	6 16	morn	7 58		
11 W.	Bat. of Elk Water, Va., 1861.	5 45	6 15	12 6	8 52		
12 Th.	Battle at Augusta, Ky., 1862.	5 47	6 13	12 46	9 46		
13 Fr.	Quebec taken, 1759.	5 48	6 12	1 32	10 38		
14 Sa.	Bat. of South Mountain, 1862.	5 49	6 11	2 21	11 29		
15 S.	16th Sunday after Trinity.	5 50	6 10	3 29	12 19		
16 M.	(15) Habeas Corpus Suspend'd	5 52	6 8	4 39	12 59		
17 Tu.	U. S. Const'n adopted, 1787.	5 53	6 7	rises.	1 46		
18 W.	(16) Battle of Antietam, 1862.	5 54	6 6	7 20	2 32		
19 Th.	Sheridan's fight, 1864.	5 56	6 4	7 46	3 21		
20 Fr.	Strauss died, 1849.	5 57	6 3	8 10	4 10		
21 Sa.	Bat. of Fisher's Hill, 1864.	5 58	6 2	8 39	5 5		
22 S.	17th Sunday after Trinity.	6 0	6 0	9 9	5 50		
23 M.	Major Andre arrested, 1780.	6 1	5 59	9 41	6 40		
24 Tu.	Bat. of Romney, Va., 1861.	6 3	5 57	10 25	7 81		
25 W.	Bat. of Chapmansville, 1861.	6 4	5 56	11 14	8 19		
26 Th.	Philadelphia taken, 1777.	6 5	5 55	morn	9 9		
27 Fr.	The Arctic lost, 1854.	6 6	5 54	12 9	9 59		
28 Sa.	Bat. of Jerusalem plank road.	6 7	5 53	1 6	10 47		
29 S.	18th Sunday after Trinity.	6 9	5 51	2 11	11 35		
30 M.	Whitfield died, 1770.	6 10	5 50	3 20	12 24		



# OCTOBER

## MOON'S PHASES.

	d.	h.	m.	
NEW MOON,	2	10	32	Morning.
FIRST QUARTER,	9	4	6	Afternoon.
FULL MOON,	16	10	36	Morning.
LAST QUARTER,	24	3	55	Morning.

D. M.	Day of Week.	MISCELLANEOUS.				
		Sun. Rises.	Sun. Sets.	Moon Rises & Sets.		High Water.
1	Tu.	First Steamer in U. S. 1807.	6 11 5 49	4 31	1 11	
2	W.	First Railroad in U. S. 1833.	6 13 5 47	sets.	2 12	
3	Th.	Greek fire thr'n in Charlest'n.	6 14 5 46	6 46	2 41	
4	Fr.	Selkirk exiled, 1704.	6 15 5 45	7 16	3 30	
5	Sa.	Cornwallis died, 1805.	6 17 5 43	7 50	4 22	
6	Su.	19th Sunday after Trinity.	6 18 5 42	8 31	5 11	
7	M.	The Florida captured, 1864.	6 19 5 41	9 18	6 5	
8	Tu.	John Hancock died, 1793.	6 20 5 40	10 16	6 55	
9	W.	Bat. of Santa Rosa Island, '61	6 22 5 38	11 14	7 43	
10	Th.	Bat. Blue Springs, Tenn., 1863	6 23 5 37	morn	8 32	
11	Fr.	Battle near Ft. Nelson, 1864.	6 24 5 36	12 16	9 21	
12	Sa.	Battle of Strasburg, 1864.	6 26 5 34	1 24	10 10	
13	Su.	26th Sunday after Trinity.	6 27 5 33	2 32	10 55	
14	M.	Battle of Linn Creek, 1861.	6 28 5 32	3 41	11 40	
15	Tu.	Bank Panic, 1857.	6 29 5 31	4 48	12 35	
16	W.	Bat. of Fredericktown, 1861.	6 31 5 29	rises.	1 24	
17	Th.	Burgoyne surrendered, 1777.	6 32 5 28	6 20	2 11	
18	Fr.	Palmerston died, 1865.	6 33 5 27	6 48	2 51	
19	Sa.	Surrender of Cornwallis, 1781	6 35 5 25	7 16	3 42	
20	Su.	21st Sunday after Trinity.	6 36 5 24	7 56	4 30	
21	M.	Battle of Trafalgar, 1805.	6 37 5 23	8 28	5 18	
22	Tu.	Bat. of Pocotaligo, S. C., 1862.	6 39 5 21	9 20	5 58	
23	W.	(22) Battle of Red Bank, 1777.	6 40 5 20	10 18	6 46	
24	Th.	Daniel Webster died, 1852.	6 41 5 19	11 16	7 31	
25	Fr.	Demosthenes died, 322 B. C.	6 42 5 18	morn	8 22	
26	Sa.	Great Storm in England, 1703	6 44 5 16	12 2	9 10	
27	Su.	22d Sunday after Trinity.	6 45 5 15	1 4	10 0	
28	M.	(27) Brutus died, 42 B. C.	6 46 5 14	2 19	10 42	
29	Tu.	Bat. of Fayetteville, Ark., '62.	6 47 5 13	3 19	11 31	
30	W.	Ex. Gov. Andrews died, 1867.	6 48 5 12	4 28	12 18	
31	Th.	(29) Maryland, Free State, '64	6 50 5 10	5 41	1 9	



# NOVEMBER

## MOON'S PHASES.

	d.	h.	m.	
NEW MOON,	1	12	30	Morning.
FIRST QUARTER,	7	10	55	Evening.
FULL MOON,	15	12	10	Morning.
LAST QUARTER,	23	12	46	Morning.
NEW MOON,	30	1	38	Afternoon.

D. M.	Day of Week.	MISCELLANEOUS.				
		Sun. Rises.	Sun. Sets.	Moon Rises & Sets.		High Water.
1	Fr.	Charles Linnæus died, 1783.	6 51 5	9 sets.	2 1	
2	Sa.	Battle Roan Springs, 1863.	6 52 5	8 6 22	2 4	
3	Su.	23d Sunday after Trinity.	6 53 5	7 7 5	3 39	
4	M.	McClellan removed, 1862.	6 54 5	6 7 59	4 19	
5	Tu.	Bat. of Barbour, Va., 1862.	6 55 5	5 9 2	5 7	
6	W.	Lincoln elected, 1860.	6 56 5	4 10 14	5 57	
7	Th.	Battle of Belmont, Mo., 1861.	6 57 5	3 11 24	6 45	
8	Fr.	Milton died, 1674.	6 58 5	2 morn	7 37	
9	Sa.	Arnold at Quebec, 1775.	6 59 5	1 12 29	8 29	
10	Su.	24th Sunday after Trinity.	7 1 4 59	1 34	9 20	
11	M.	Luther born, 1483.	7 2 4 58	2 40	10 11	
12	Tu.	Montreal captured, 1775.	7 3 4 57	3 42	10 55	
13	W.	Battle of Bull's Gap, 1864.	7 4 4 56	4 44	11 50	
14	Th.	Charles Carroll died, 1832.	7 5 4 55	5 48	12 46	
15	Fr.	Surtwell, botanist, died, 1867.	7 6 4 54	rises.	1 39	
16	Sa.	Sherman en route Sav., 1864.	7 7 4 53	5 51	2 28	
17	Su.	25th Sunday after Trinity.	7 8 4 52	6 29	3 35	
18	M.	Napoleon disinterred, 1840.	7 9 4 51	7 9	4 23	
19	Tu.	Jay's Treaty, 1794.	7 10 4 50	7 59	5 12	
20	W.	Milledgeville, Ga., taken.	7 11 4 49	8 53	5 55	
21	Th.	Mariner's Compass, 1302.	7 11 4 49	9 40	6 43	
22	Fr.	Pensacola bombarded, 1861.	7 12 4 48	10 42	7 31	
23	Sa.	Dr. Parkman killed, 1849.	7 13 4 47	11 52	8 19	
24	Su.	26th Sunday after Trinity.	7 14 4 46	morn	9 8	
25	M.	Evacuation New York, 1783.	7 15 4 45	12 54	9 58	
26	Tu.	Battle of Vienna, Va., 1861.	7 15 4 45	2 1	10 47	
27	W.	Meade's fight over Rapidan.	7 16 4 44	3 9	11 35	
28	Th.	Baron Steuben died, 1794.	7 17 4 43	4 24	12 22	
29	Fr.	Bat. of Perryville, Va., 1862.	7 17 4 43	5 39	1 10	
30	Sa.	Euripides died, 406 B. C.	7 18 4 42	sets.	2 12	

Monday, January 1, 1872.



DECEMBER

MOON'S PHASES.

	a.	b.	m.	
FIRST QUARTER,	7	6	38	Morning.
FULL MOON,	14	4	46	Evening.
LAST QUARTER,	22	9	14	Evening.
NEW MOON,	30	1	38	Morning.

D. M.	Day of Week.	MISCELLANEOUS.			High Water.
		Sun. Rises.	Sun. Sets.	Moon Rises & Sets.	
1 S.	1st Sunday in Advent.	7 19	4 41	5 35	3 11
2 M.	John Brown hung, 1859.	7 19	4 41	6 39	4 10
3 Tu.	Seige of Knoxville, 1863.	7 20	4 40	7 49	5 8
4 W.	Winchester surrendered.	7 20	4 40	9 1	5 54
5 Th.	Bat. Coffeeville, Miss., 1862.	7 21	4 39	10 12	6 42
6 Fr.	Rhode Island taken, 1776.	7 21	4 39	11 24	6 30
7 Sa.	Ney shot, 1815.	7 22	4 38	morn	7 18
8 S.	2d Sunday in Advent.	7 22	4 38	12 32	7 58
9 M.	Sumter bombarded, 1863.	7 23	4 37	1 40	8 44
10 Tu.	Battle of Pt. Royal, Va., '62.	7 23	4 37	2 51	9 31
11 W.	Fredericksburg bombarded.	7 23	4 37	3 59	10 35
12 Th.	Charles XII. killed, 1718.	7 24	4 36	5 10	11 39
13 Fr.	Battle of Fredericksburg, '62.	7 24	4 36	6 24	12 42
14 Sa.	Ember Day.	7 24	4 36	rises.	1 44
15 S.	3d Sunday in Advent.	7 25	4 35	5 40	2 41
16 M.	Boston Tea Party, 1773.	7 25	4 35	6 24	3 34
17 Tu.	Bat. of Mumfordsville, 1861.	7 25	4 35	7 26	4 28
18 W.	Bat. of Lexington, Ky., 1862.	7 25	4 35	8 29	5 10
19 Th.	Rome burned, 69.	7 25	4 35	9 30	5 59
20 Fr.	South Carolina seceded, 1860.	7 25	4 35	10 21	6 42
21 Sa.	Savannah taken, 1864.	7 26	4 34	11 19	7 32
22 S.	4th Sunday in Advent.	7 25	4 35	11 54	8 20
23 M.	Xerxes enthroned, 486 B. C.	7 25	4 35	morn	9 11
24 Tu.	Edwin M. Stanton died, 1869.	7 25	4 35	12 40	9 56
25 W.	CHRISTMAS.	7 25	4 35	1 48	11 40
26 Th.	38 Indians hung, 1862.	7 25	4 35	2 59	11 30
27 Fr.	St. John died, 100 A. D.	7 25	4 35	4 1	12 20
28 Sa.	Ghent Treaty ratified, 1814.	7 25	4 35	5 18	12 59
29 S.	Sunday after Christmas.	7 24	4 36	6 31	1 40
30 M.	The Jesuits founded, 1535.	7 24	4 36	sets.	2 18
31 Tu.	Battle of Stone River, 1862.	7 24	4 36	6 18	2 58

Tuesday, 2

Wednesday, 3

1

*Thursday, January 4, 1872.*

*Sunday, January 7, 1872.*

*Friday, 5*

*Monday, 8*

*Saturday, 6*

*Tuesday, 9*

Sunday, January 28, 1872.

Wrote to B. Western and Co  
that unless some books ordered  
through their house should be sent to  
me, <sup>without further delay</sup> ~~within 10 or 15 days from this~~

~~date~~, that I would not want them.  
They were ordered some three months  
back, on conditions that they should  
be procured within a reasonable time.

Monday, 29

Wednesday, January 31, 1872.

Thursday, February 1

Tuesday, 30

Friday, 2

Saturday, February 3, 1872.

Tuesday, February 6, 1872.

Sunday, 4

Wednesday, 7

Monday, 5

Thursday, 8

*Friday, February 9, 1872.*

*Monday, February 12, 1872.*

*Saturday, 10*

*Tuesday, 13*

*Sunday, 11*

*Wednesday, 14*

Saturday, March 16, 1872.

Tuesday, March 19, 1872

Sunday, 17

Gave Mr Holmes an  
order on Hayden for fifty  
four dollars worth of drawings  
made of fossils for his U.S. Survey

Wednesday, 20

Monday, 18

Thursday, 21

Friday, March 22, 1872.

Monday, March 25, 1872.

Saturday, 23

Tuesday, 26

Sunday, 24

Wednesday, 27



Trichomy. 10

Trichomy. 10

Friday, 21

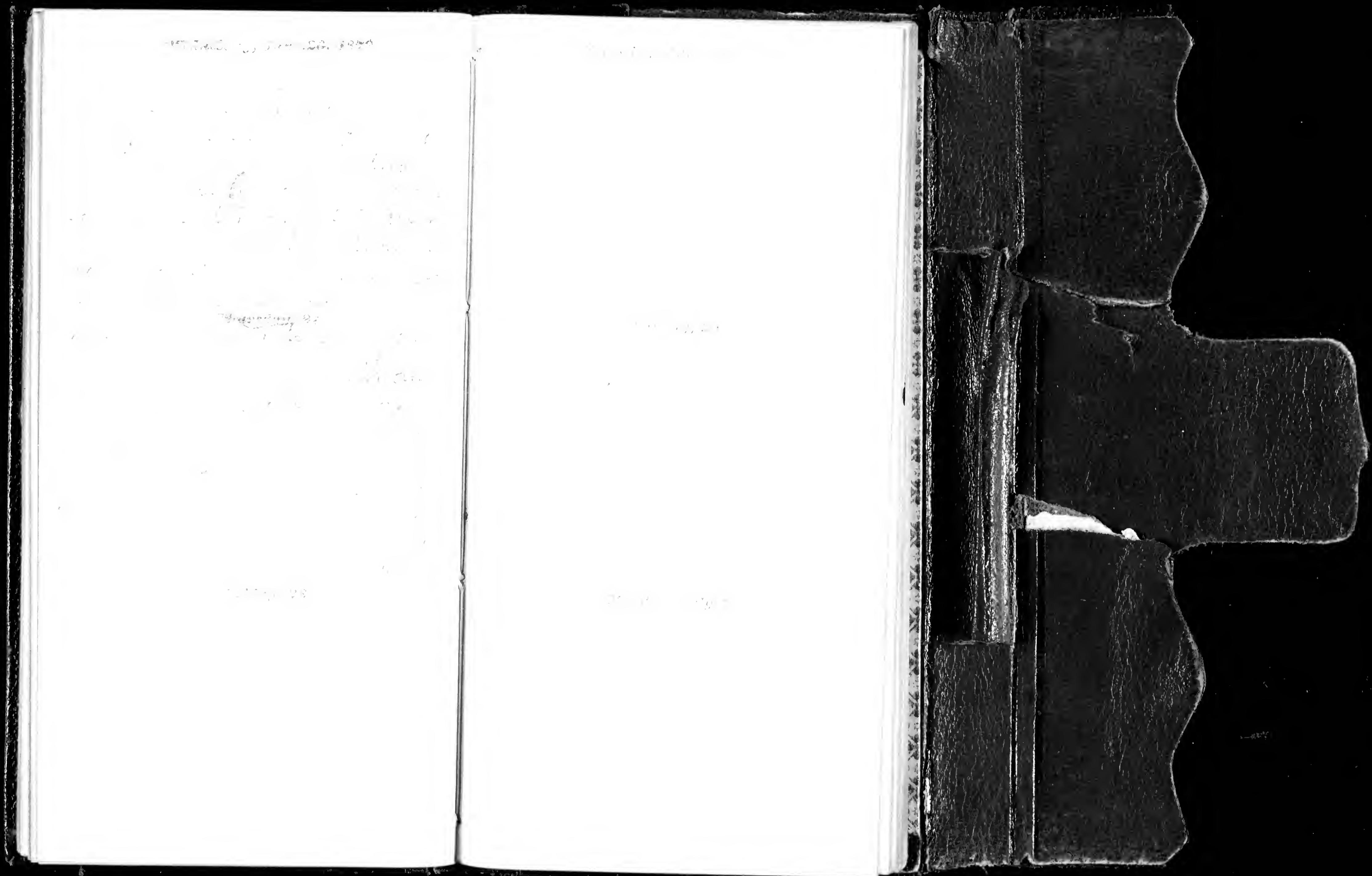
Washington

Saturday, 22

Washington

~~Washington~~

1877-1880, 1881-1884



Saturday, 6

Sunday, 7

16 May 1903

16 May 1903

Sunday, August 27, 1879.

Wednesday, 28

Monday, 29

Tuesday, 29

Wednesday, 27

Friday, 30

*Saturday, August 31, 1872.*

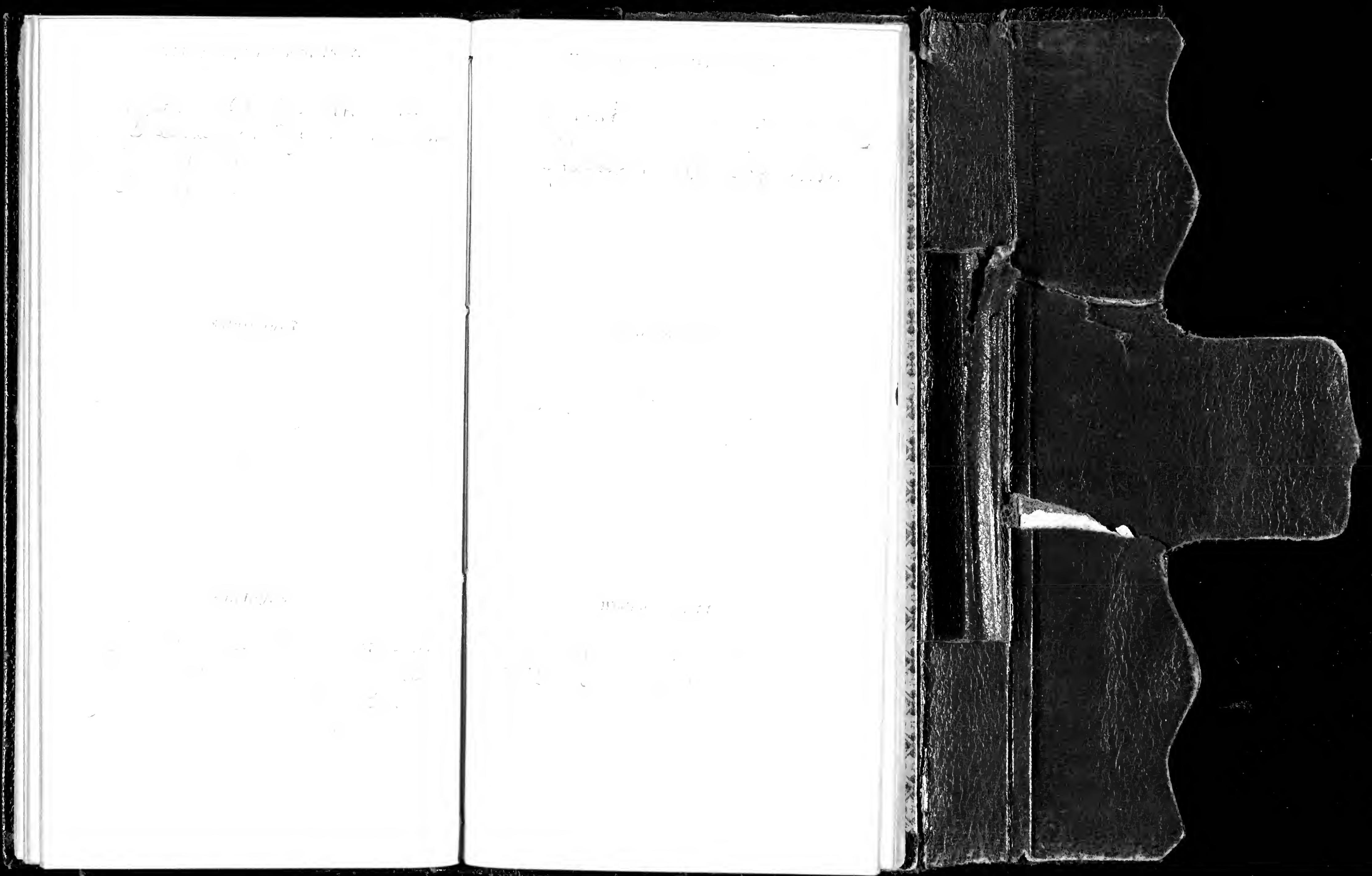
*Tuesday, September 3, 1872.*

*Sunday, September 1*

*Wednesday, 4*

*Monday, 2*

*Thursday, 5*



Thursday, September 12, 1872

Sunday, September 15, 1872

Friday, 13

Monday, 16

Saturday, 14

Tuesday, 17

Saturday, September 27, 1872.

Thursdays.

Wedges.

viday, 20

Wedges, 25

Wednesday, September 25, 1872.

Friday, September 27, 1872.

Wednesday, 25

Saturday, 28

Thursday, 26

Sunday, 29

Monday, September 30, 1874.

1874

Tuesday, October 1

Wednesday, 2

1874

Wednesday, 2

Saturday, 5

1874

Montgomery, October 6, 1871.

## III. Classification of the fungi.

This high-contrast, black-and-white image depicts a severely damaged book cover. The cover material, which appears to be a dark, textured fabric or leather, is in a state of extreme disrepair. Large, irregular areas of the material have been abraded, revealing the lighter-colored board underneath. The spine area on the left is particularly mangled, with the board visible through the torn and frayed remains of the cover. The edges of the book are frayed and uneven, with significant loss of material at the corners and along the spine. The overall appearance is one of significant age and damage, with the book's original form barely recognizable.

1860. Oct. 12. - 13.

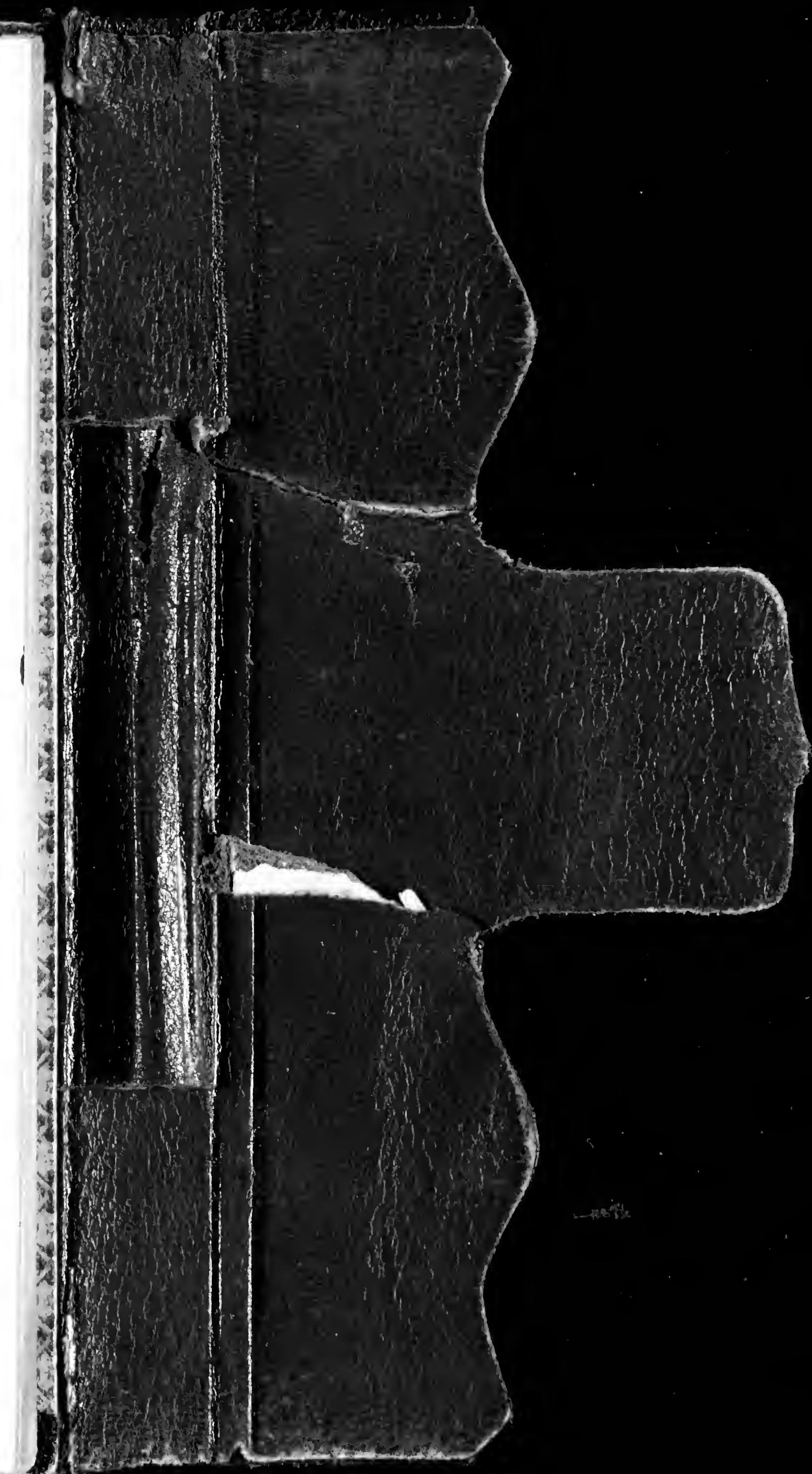
Monday, 13

Tuesday, 13

Monday, 14

5

Wednesday, 15



*Friday, October 13, 1872.*

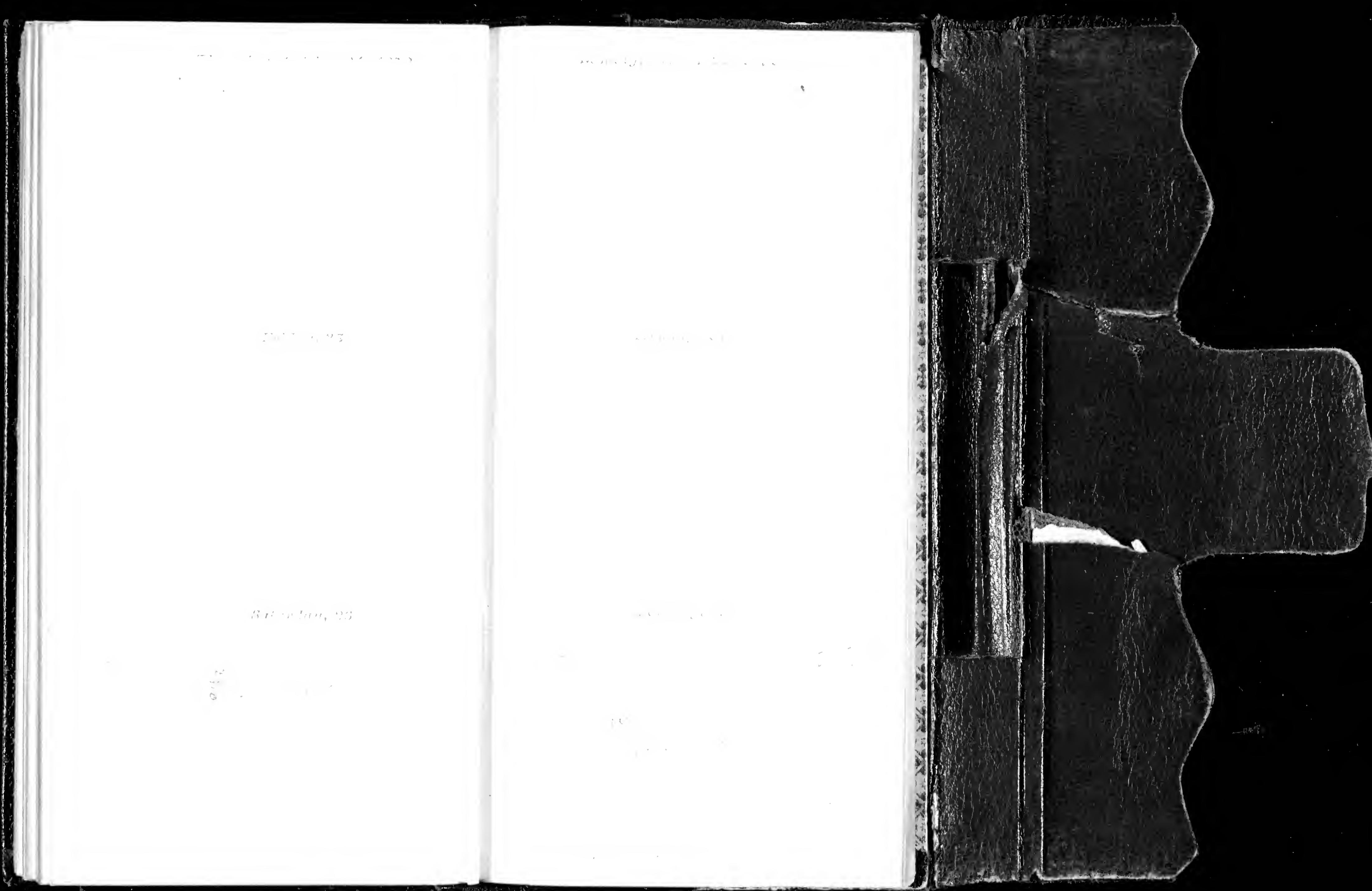
*Monday, October 21, 1872*

*Saturday, 19*

*Tuesday, 22*

*Sunday, 20*

*Wednesday, 23*



Wednesday, October 30, 1872.

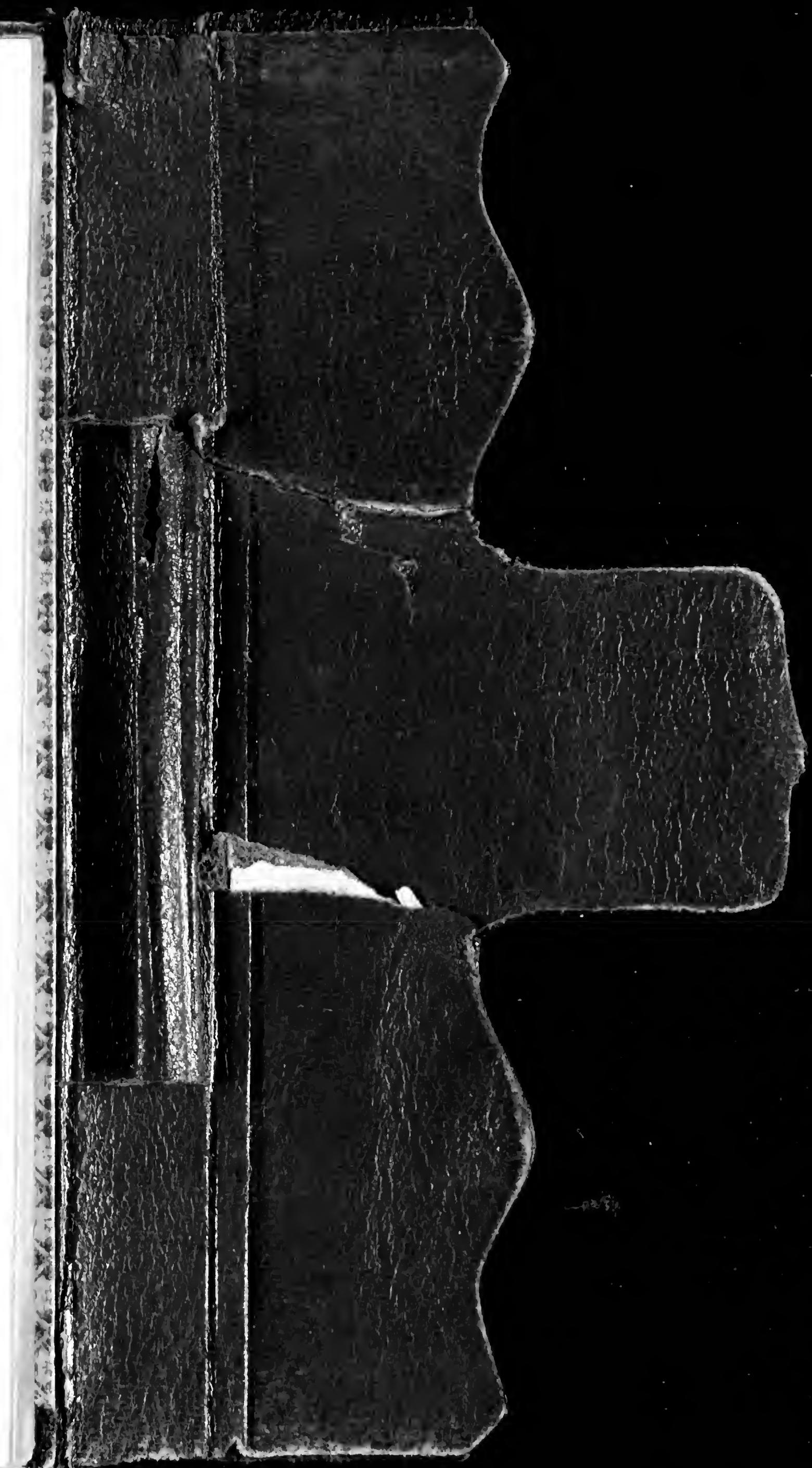
Thursday, November 1, 1872.

Friday, 31

Sunday, 2

Saturday, November 3

Monday, 4



*Wednesday, November 8, 1872.*

*Thursday,*

*Saturday, 9*

*Friday,*

*Sunday, 10*

Tuesday, 12

Wednesday, 13

Sunday, November 17, 1872.

Tuesday, November 19, 1872.

Monday, 18

Thursday, 21

Tuesday, 19

Friday, 22

## III. *Geography.*

Thursday, 20

Friday November 29, 1877

75° 7° 8°

Saturday, 30

Sunday, December 1

Thursday, December 5, 1872.

Sunday, December 8, 1872

Friday, 6

Monday, 9

Saturday, 7

Tuesday, 10

Wednesday, December 11, 1872.

Saturday, December 14, 1872.

Thursday, 12

Sunday, 15

1000 1000 1000  
1000 1000 1000

Friday, 13

Monday, 16

Tuesday, December 17, 1872.

Friday, December 20, 1872.

Wednesday, 18

Spent the day in the 8<sup>th</sup> at  
the U. S. Nat. Museum for  
the U. S. Bureau of Ethnology.  
Left at 11 A. M. for  
the U. S. Nat. Museum, Boston.  
Arrived at 1 P. M. Boston - 8  
P. M. at the Hotel Bivalve.  
Left Boston at 7 A. M.

Thursday, 19

Spent the day at the  
U. S. Nat. Museum for  
the U. S. Bureau of Ethnology.

Saturday, 21

Sunday, 22

Monday, December 23, 1872.

Thursday, December 26, 1872.

Tuesday, 24

Friday, 27

Wednesday, 25

6

Saturday, 28

Sunday, December 29, 1872.

ZEPHYRANTHE

Monday, 30

Tuesday, 31

*Memoranda.*

*Memoranda.*

Memoranda.

Memoranda.

## Cash Account. February.

Received

Paid

1872 Recd of Hayden  
June - \$350.00  
to pay on exp. of  
western tour -  
June 24 Paid ticket to Chi.  
Cagü - 19.00

## Cash Account. February.

Received

Paid

Feb 1 100.00  
2 100.00  
3 100.00  
4 100.00  
5 100.00  
6 100.00  
7 100.00  
8 100.00  
9 100.00  
10 100.00  
11 100.00  
12 100.00  
13 100.00  
14 100.00  
15 100.00  
16 100.00  
17 100.00  
18 100.00  
19 100.00  
20 100.00  
21 100.00  
22 100.00  
23 100.00  
24 100.00  
25 100.00  
26 100.00  
27 100.00  
28 100.00  
29 100.00  
30 100.00  
31 100.00

Cash Account February.

Received	Paid.
----------	-------

Subscriptions  
for the West 21.  
Interest and expenses. 1.60

Cash Account, February.

Received	Paid.
----------	-------

1.72 Disagreements  
with English on  
Accounts for Scotland

*Settled up to May 4th 1883*

*Cash Account. March.*

Received | Paid.

*Cash Account. March.*

Received | Paid.

### Cash Account. April

Received Paid.

### *Cash Account. April.*

Received	Paid
----------	------

1911-1912

*Cash Account May*

Received Paid.

*Cash Account May.*

Received Paid.

*Cash Account. June.*

### Cash Account. June.

Cash Account July.

Received	Paid.
----------	-------

5700

Wife Bill 1 week 2. Va. 2

143.40 11.00

Ref. 10.00

1200 of station 490  
allow 500 100 58

Cash Account July

Received	Paid.
----------	-------

*Cash Account. August.*

*Cash Account. August.*

## Cash Account September.

### *Cash Account. September.*

*Cash Account. October.*

### *Cash Account. October,*

*Cash Account. November.*

Received	Paid.
----------	-------

*Cash Account November.*

Received	Paid.
----------	-------



*Cash Account. December.*

Received | Paid.

*Cash Account. December.*

Received | Paid.



*Summary of Cash Account.*

Received	Paid.
----------	-------

Jan.

Feb.

March.

April.

May.

June.

July.

August.

Sept.

October.

Nov.

Dec.

*MEMORANDA.*

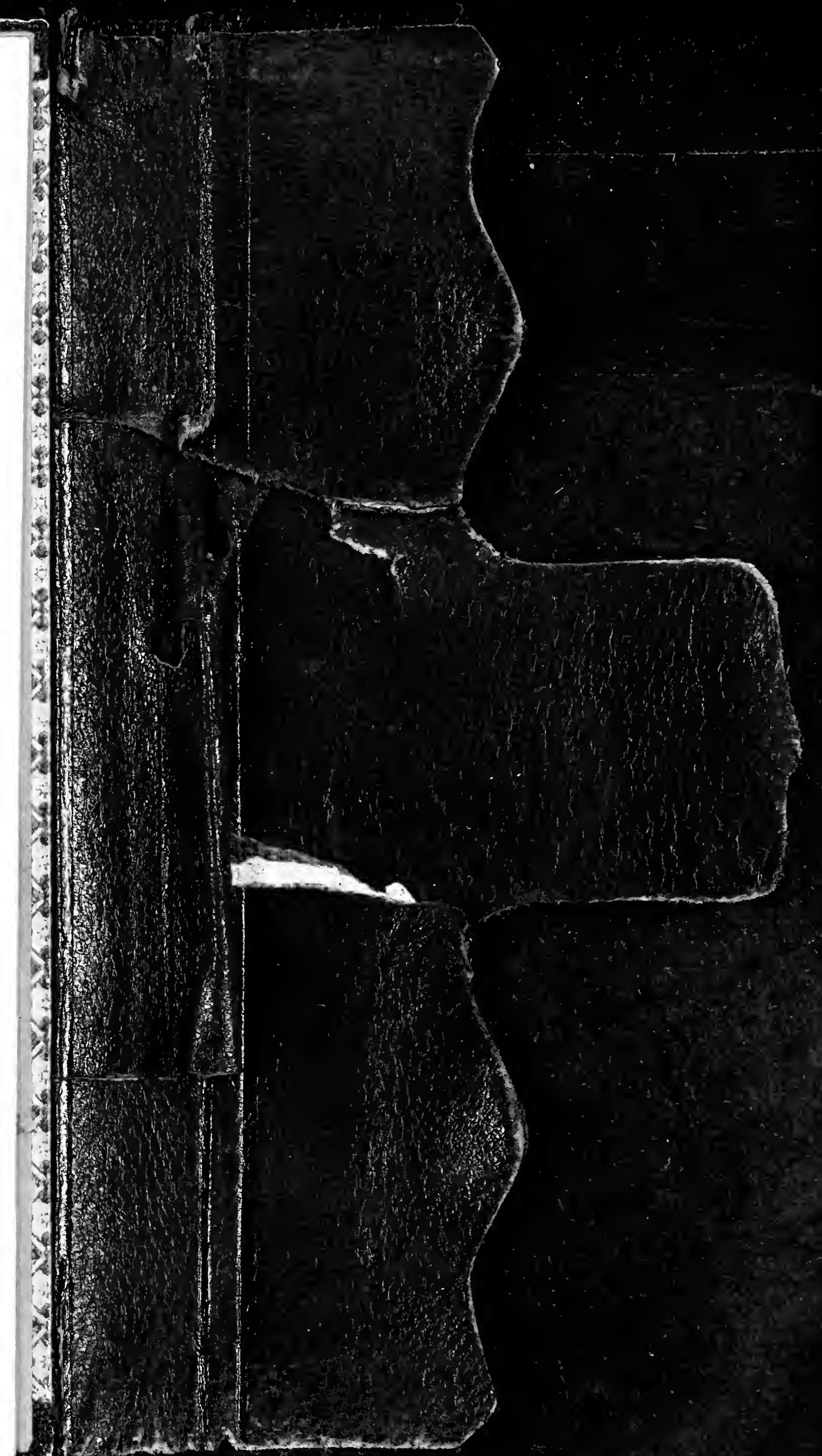
Dolls.	Cts.
--------	------

MEMORANDA.

Dolls. Cts.

MEMORANDA.

Dolls. Cts.



MEMORANDA.

Dolls. Cts.

State Bank of  
Waukegan 100 paid  
for 1/2 of the cost  
of one hundred dollars  
bill to him

1900

Jan 3

Jan 3

1903

- 1 Lyman
- 2 Mineral
- 3 Mineral
- 4 Mineral

Click for Min Rge  
Garden to Okla  
Mineral  
road - 45

